

# **NCDOT Ferry Division Environmental Management System**

Environmental Policy &  
Planning Committee

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Presented by: Beth Thomas

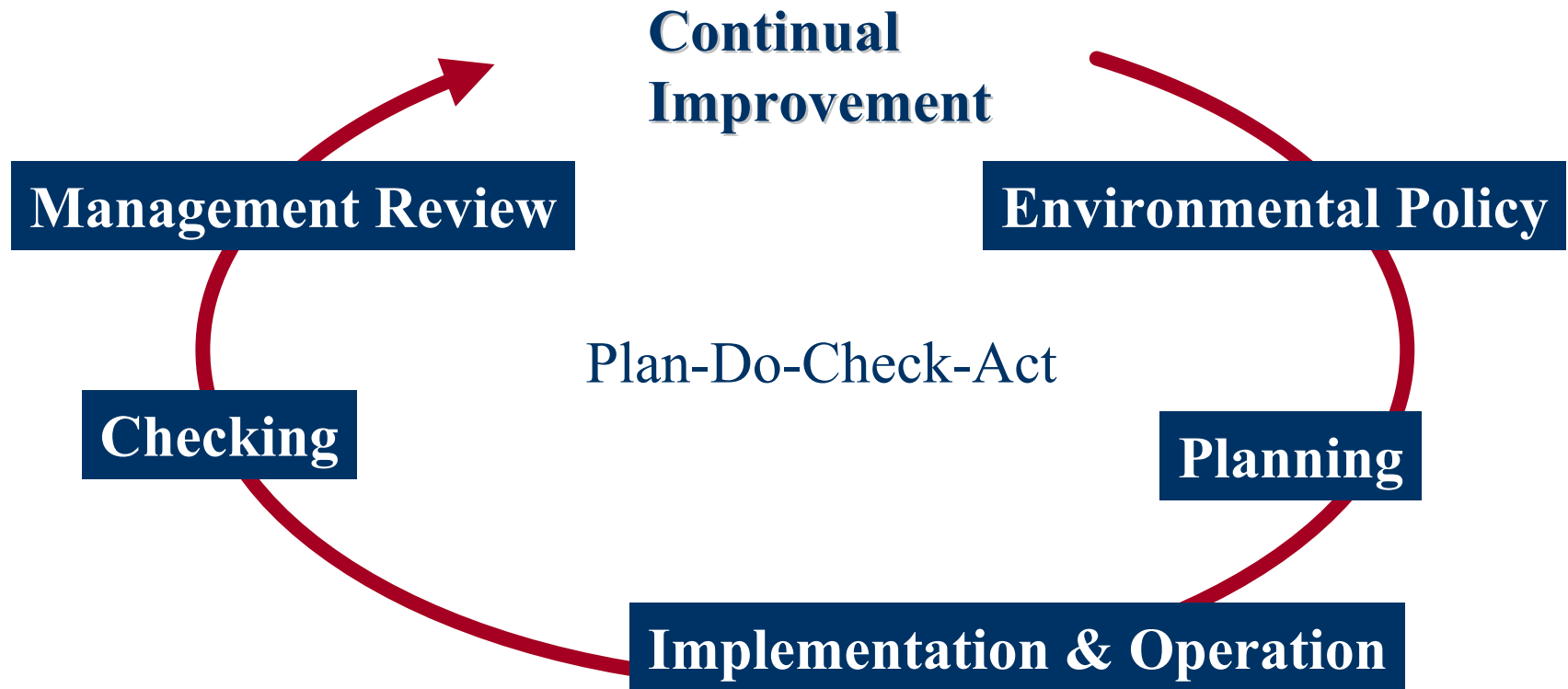
# What is an Environmental Management System?

- Tool to improve environmental performance
- Systematic way of managing an organization's environmental affairs
- Addresses immediate and long-term impacts of its products, services and processes on the environment
- Addresses environmental concerns through the allocation of resources, assignment of responsibility and ongoing evaluation of practices, procedures and processes
- Focuses on continual improvement of the system

# Benefits of an EMS

- Operational Controls
- Legal Requirements documented in one place
- Monitoring and measuring tools provides “checks and balances”
- Responsibility
- Employee involvement
- Better Communication

# EMS Model



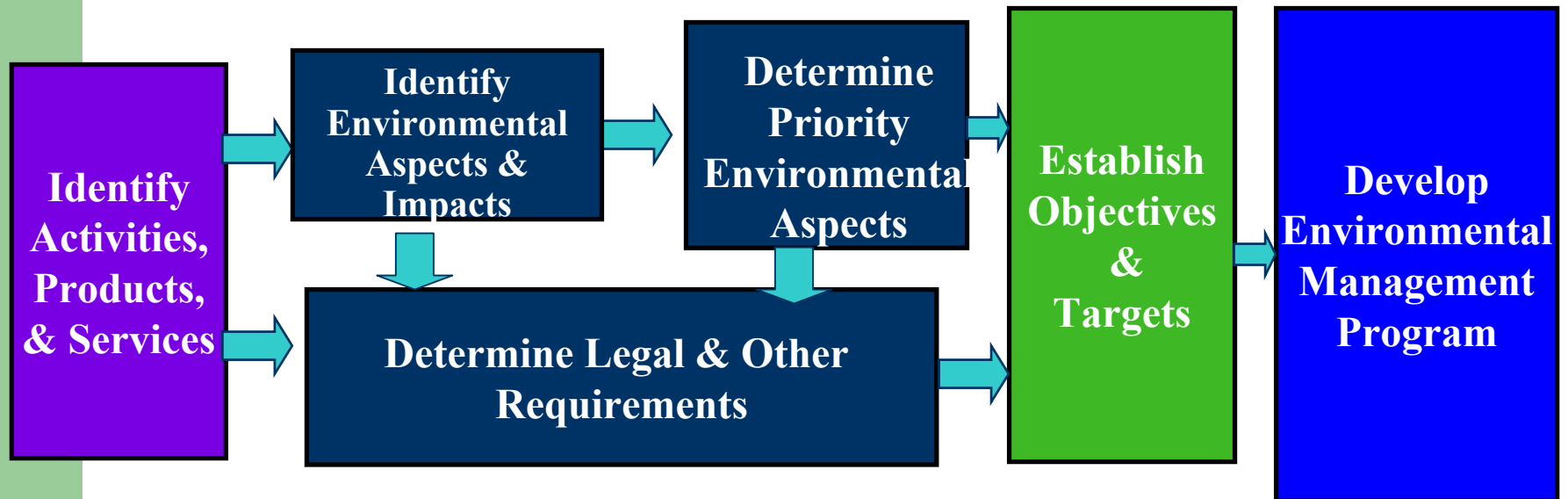
# Environmental Policy

- A statement of commitment to implement and improve an organization's environmental management system in order to maintain and improve environmental performance.
- Basis upon which objectives and targets are set.
- Policy is documented and implemented.

# Planning

- Identification of environmental aspects
- Legal and other requirements
- Objectives, targets, and programs

# Planning



# Implementation and Operation

- Resources, roles, responsibility, and authority
- Competence, training and awareness
- Communication
- Documentation and control of documents
- Operational control
- Emergency preparedness and response



# Checking

- Monitoring and measurement
- Evaluation of compliance
- Nonconformity, corrective action and preventive action
- Control of records
- Internal Audit

# Management Review

## Take account of:

- audit findings
- progress records on objectives changes to facilities
- changes in activities, products or services
- changes in technology
- concerns of interested parties
- other relevant information



## To Assess the

- suitability,
- adequacy, and
- effectiveness of the EMS



## In order to determine the need for change and improvement to:

- the environmental policy
- the objectives and targets
- other elements of the EMS

# Accomplishments of Ferry Division

- Implemented an ISO 14001: 2004 conformant Environmental Management System
- Underwent a successful third party conformance audit in March 2007
- Hired a full time Environmental Supervisor
- Continue to improve and expand the Environmental Management System throughout the Ferry System

# Challenges of EMS

- Knowledge
- Buy-in
- Time
- Logistics

# Questions?

